

QP CODE: 307008

Reg.No.....

Third Year B.Pharm (Ayurveda) Degree Examinations October 2018

Industrial Pharmacy I

Time: 3 Hours

Total Marks: 100

- **Answer all questions**

Essays:

(2x10=20)

1. Define capsule. Discuss merits and demerits of capsule.
2. Define tablet. Discuss types, ideal requirements and classification of tablet.

Short notes:

(10x5=50)

3. Differentiate diffusible and in diffusible solids.
4. Explain stability of suspension.
5. Discuss types of emulsion with its packaging.
6. Discuss granulation techniques for preparation of powders.
7. Explain mechanism of drug penetration for semisolid dosage forms.
8. Discuss advantages and disadvantages of using aerosols.
9. Discuss the type of component used for generating pressure in aerosol preparation.
10. Mention dry and wet granulation methods for tablet.
11. Discuss soft gelatin capsule shell and its content.
12. Name the commonly used materials for microencapsulation and describe the air suspension method for microencapsulation.

Answer briefly:

(10x3=30)

13. Define flocculating agents and biphasic dosage forms.
14. Explain film forming materials for coating of tablet.
15. Mention classification of powder.
16. What do you understand by preservatives. Explain its importance in formulations.
17. Explain preparation of tinctures.
18. Mention types of additives used in emulsion
19. The name of natural colors and flavors used in different dosage forms.
20. Discuss different equipment used for tablet coating with its evaluation.
21. Explain jellies and liniment.
22. Advantages of powders and examples of Ayurvedic powders.
